

Scientific Note:

To the souls of the Turkish Martyrs

Second attempt for determining the *Lepidoptera* fauna of Kozluk with notes on some other insects of the District (Batman Prov., East Turkey) - I

Muhabbet Kemal Ahmet Ömer Koçak

continued from Nr.20

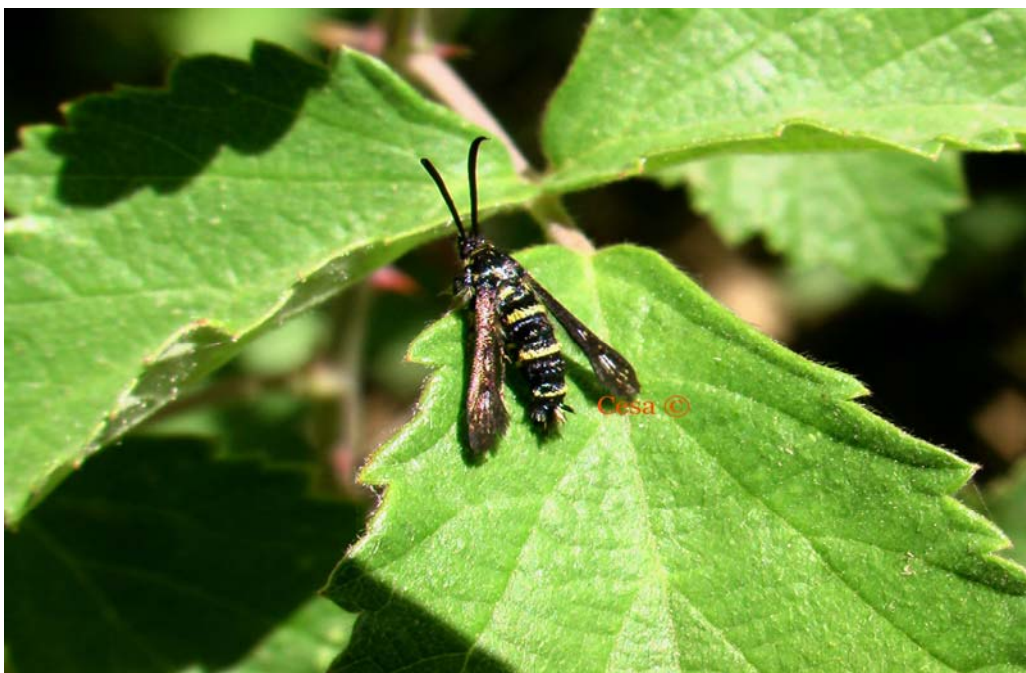


Fig.-1 A sesiid (?*Osminia* species), basking on a leaf. Turkey: Batman Prov., Kozluk, Yazılı 700m, 7 6 2008, photo M.Kemal (Cesa)



Fig.-2 A resting male of *Lycaena (Alciphronia) alciphron ssp. melibaeus* (*Lycaenidae*). Turkey: Batman Prov., Kozluk, Yazılı 700m, 7 6 2008, photo M.Kemal (Cesa)



Fig.-3 A male of *Turanana endymion* (*Lycaenidae*), sipping mineral water from the earth. Turkey: Batman Prov., Kozluk, Yazılı 700m, 7 6 2008, photo M.Kemal (Cesa)



Fig.-4 A feeding male of *Satyrium abdominalis?* (*Lycaenidae*) on the flowers of a species of *Apiaceae*. Turkey: Batman Prov., Kozluk, Yazılı 700m, 7 6 2008, photo M.Kemal (Cesa)



Fig.-5 *Punica granatum* (Pomegranate) (*Punicaceae*). This tree is native from Iran to the Himalayas in northern India and has been cultivated since ancient times throughout the Mediterranean region of Asia, Africa and Europe. Turkey: Batman Prov., Kozluk, Yazılı 700m, 7 6 2008, photo M.Kemal (Cesa)



Fig.-6 *Punica granatum* (*Punicaceae*) (flowers and young fruits). The pomegranate is both self-pollinated and cross-pollinated by insects. Turkey: Batman Prov., Kozluk, Yazılı 700m, 7 6 2008, photo M.Kemal (Cesa)



Fig.-7 *Punica granatum* (*Punicaceae*) (flower and fruit at the same place). The species is primarily mild-temperate to subtropical and naturally adapted to regions with cool winters and hot summers. Turkey: Batman Prov., Kozluk, Yazılı 700m, 7 6 2008, photo M.Kemal (Cesa)



Fig.-8 *Ficus carica* (Moraceae), The Common fig, is a large, deciduous, shrub or small tree native to southwest Asia and the eastern Mediterranean region (Greece to Afghanistan). Turkey: Batman Prov., Kozluk, Yazılı 700m, 7 6 2008, photo M.Kemal (Cesa)



Fig.-9 Vicinity of Kozluk city. - Turkey: Batman Prov., Kozluk, 850m, 7 6 2008, photo M.Kemal (Cesa)



Fig.-10 A basking male of *Euapatura mirza* (Argynnidae). A rare butterfly, living on *Celtis* tree from S.E.Turkey, N. Iraq and W.Iran. Turkey: Batman Prov., Kozluk NW. 820m, 8 6 2008, photo M.Kemal (Cesa)



Fig.-11 A *Papaver* species (Papaveraceae). This plant grows in disturbed soil. Its seeds may lay dormant for years until the soil is disturbed. Turkey: Batman Prov., Kozluk NW. 820m, 8 6 2008, photo M.Kemal (Cesa)



Fig.-12 An *Euphorbia* species (*Euphorbiaceae*). This genus is widely distributed in the World with more than 2100 species. It may be herbs, woody shrubs or trees with a caustic, poisonous milky sap.
Turkey: Batman Prov., Kozluk NW. 820m, 8 6 2008, photo M.Kemal (Cesa)



Fig.-13 *Hyponephele wagneri* (*Satyridae*). Butterfly of this species rests usually under the rocks.
Turkey: Batman Prov., Kozluk NW. 820m, 8 6 2008, photo M.Kemal (Cesa)

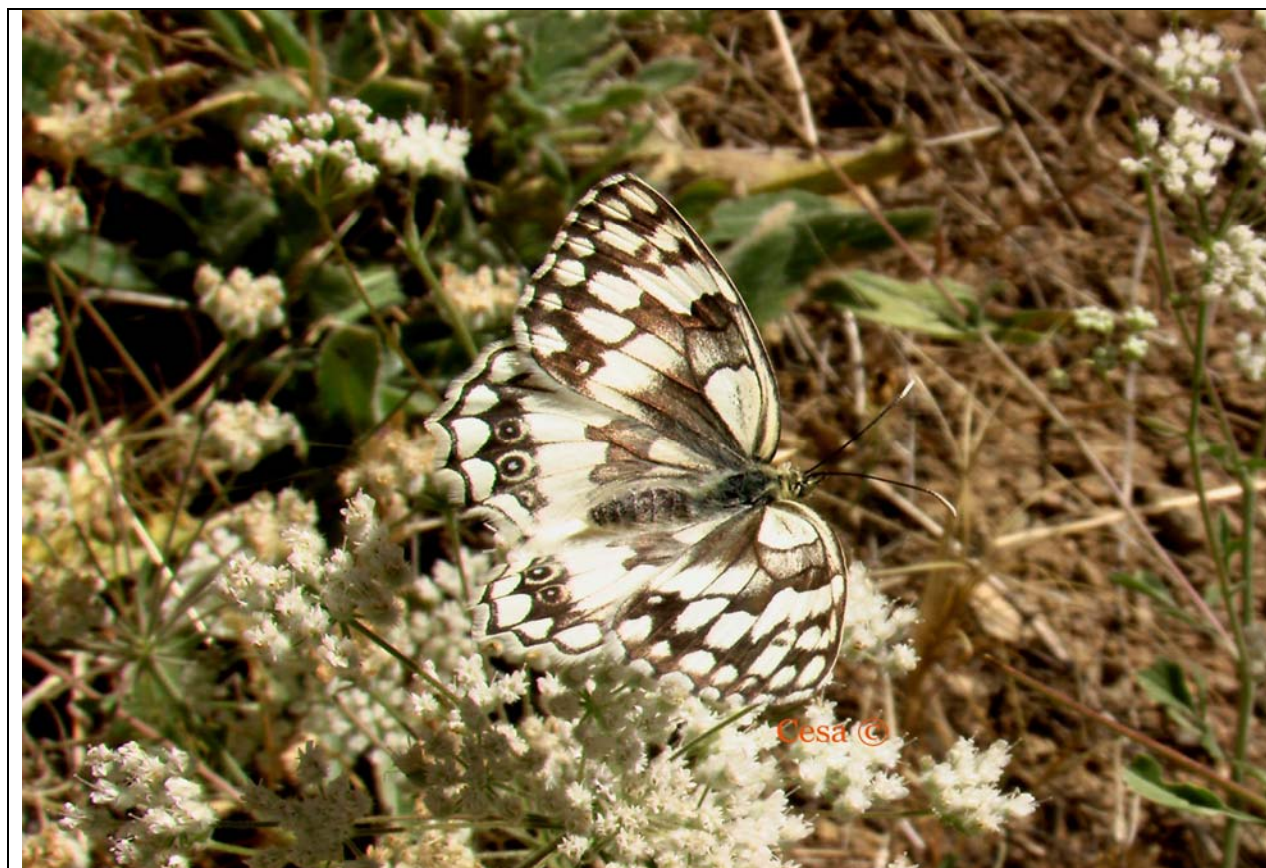


Fig.-14 A female of *Melanargia grumi* (Satyridae). This species is apparently local and common on grassy places at Kozluk district. Turkey: Batman Prov., Kozluk NW. 820m, 8 6 2008, photo M.Kemal (Cesa)

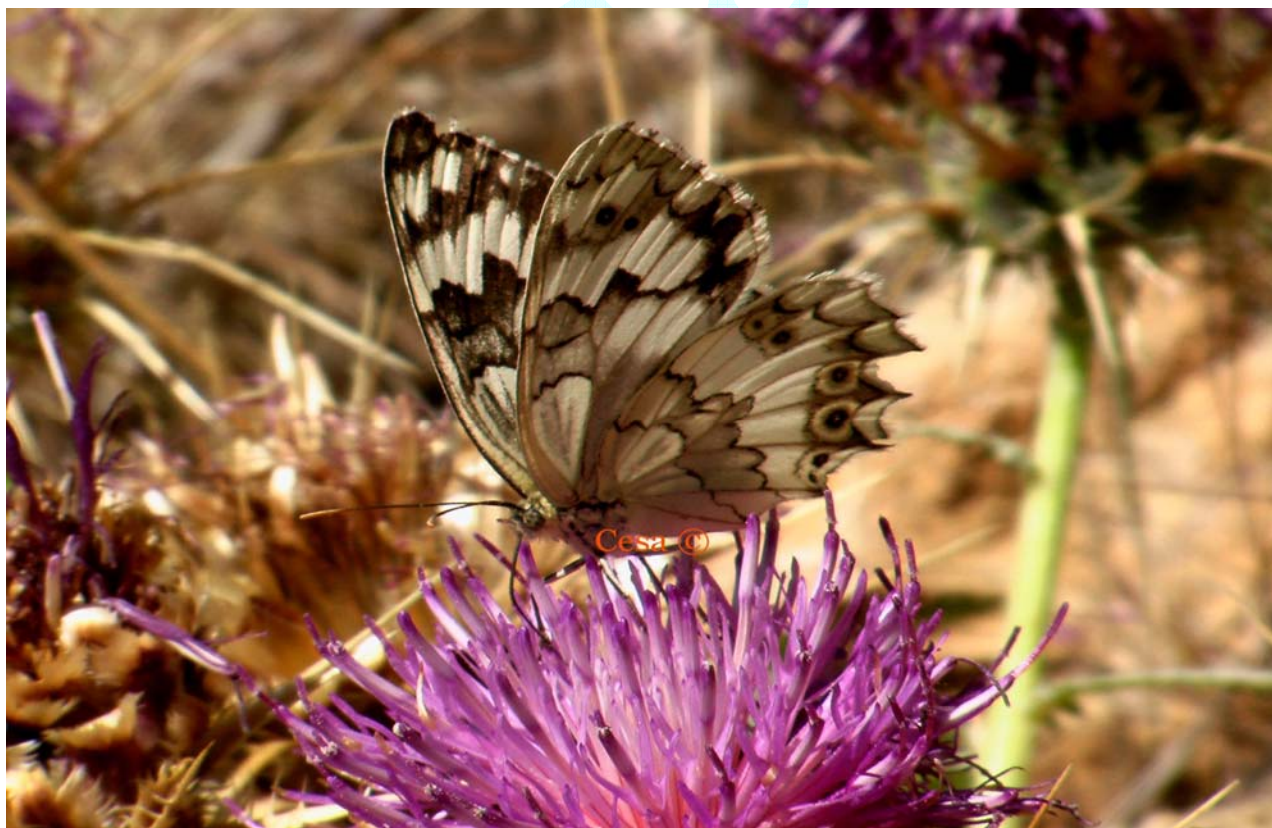


Fig.-15 A female of *Melanargia grumi* (Satyridae). This species is apparently local and common on grassy places at Kozluk district. Turkey: Batman Prov., Kozluk NW. 820m, 8 6 2008, photo M.Kemal (Cesa)



Fig.-16 A male of *Pseudochazara telephassa* (Satyridae). This species is sympatric with *Pseudochazara anthelea* only at Armutlu. Turkey: Batman Prov., Kozluk, Armutlu 1230m, 8 6 2008, photo M.Kemal (Cesa)



Fig.-17 A Lacertidae, predator of the butterflies. Turkey: Batman Prov., Kozluk, Armutlu 1230m, 8 6 2008, photo M.Kemal (Cesa)



Fig.-18 Courtship of the lacertids. Turkey: Batman Prov., Kozluk, Armutlu 1230m, 8 6 2008, photo M.Kemal (Cesa)



Fig.-19 A buprestid on *Gundelia tournefortii* (Tumbleweed) (Asteraceae). Turkey: Batman Prov., Kozluk, Geçitaltı 1560m, 8 6 2008, photo M.Kemal (Cesa)



Fig.-20 A female of *Lycaena (Thersamonia) kefersteinii* (Lycaenidae) feeding on *Thymus* sp. (Lamiaceae). Turkey: Batman Prov., Kozluk, Geçitaltı 1560m, 8 6 2008, photo M.Kemal (Cesa)



Fig.-21 Flowers of *Hypericum* (Clusiaceae). *Hypericum* is a genus of about 400 species of flowering plants in the World and important as foodplants of caterpillars of many Lepidopteran species. Turkey: Batman Prov., Kozluk, Geçitaltı 1560m, 8 6 2008, photo M.Kemal (Cesa)



Fig.-22 A male of *Pyrgodera armata* (Acrididae). A common steppe species in Irano-Turanian region. Turkey: Batman Prov., Kozluk, Geçitalı, Natopa 1540m, 8 6 2008, photo M.Kemal (Cesa)



Fig.-23 A male of an acridid species. Turkey: Batman Prov., Kozluk, Geçitalı, Natopa 1540m, 8 6 2008, photo M.Kemal (Cesa)



Fig.-24 A female of *Saga* sp. (*Tettigoniidae*). Turkey: Batman Prov., Kozluk, Geçitaltı, Natopa 1540m, 8 6 2008, photo M.Kemal (Cesa)



Fig.-25 *Purpuricenus wachanrui* (*Cerambycidae*) in copula on *Echinops* sp. (*Asteraceae*). Turkey: Batman Prov., Kozluk, Geçitaltı, Natopa 1540m, 8 6 2008, photo M.Kemal (Cesa)



Fig.-26 *Purpuricenens wachanrui* (Cerambycidae) after copulation on *Echinops* sp. (Asteraceae). Turkey: Batman Prov., Kozluk, Geçitaltı, Natopa 1540m, 8 6 2008, photo M.Kemal (Cesa)



Fig.-27 *Osphranteria coerulescens* (Cerambycidae) on an Asteraceae plant. Turkey: Batman Prov., Kozluk, Geçitaltı, Natopa 1540m, 8 6 2008, photo M.Kemal (Cesa)



Fig.-28 A female of *Stictoleptura cordigera* (Cerambycidae) on *Rubus* (Rosaceae). Turkey: Batman Prov., Kozluk, Yazılı 700m, 7 6 2008, photo M.Kemal (Cesa)

to be concluded



Centre for Entomological Studies Ankara

(A scientific Consortium)

(co-operation of research workers for pure-scientific, not commercial purpose)

Web Page of the Cesa: <http://www.cesa-tr.org/>

Scientific Serials: Priamus & Supplement (ISSN 1015-8243)¹, Miscellaneous Papers (ISSN 1015-8235)², Memoirs (ISSN-8227)³, DVD Films⁴, Iconographia Insectorum⁵, Cesa Publications on African Lepidoptera (series)⁶, Cesa News [online]⁷, Cesa Books⁸

Owners / Sahipleri - Editors / Yayıncılar: Prof. Dr. Ahmet Ömer Koçak (c/o Yüzüncü Yıl University, Turkey) - Editor Assistant: Asst. Prof. Dr. Muhabbet Kemal Koçak (c/o Yüzüncü Yıl University, Turkey).

Editorial Board of all Scientific Serials / Bütün Bilimsel Yayınların Yayın Kurulu: Insecta, taxonomy, nomenclature, ecology, faunistics: Prof. Dr. Ahmet Ömer Koçak (Yüzüncü Yıl Üniversitesi, Turkey), Asst. Prof. Dr. Muhabbet Kemal Koçak (Yüzüncü Yıl University, Turkey), Asst. Prof. Dr. Selma Seven (Gazi University, Turkey), General Entomology: Assoc. Prof. Dr. Paitoon Leksawasdi (Chiang Mai University, Faculty of Science, Thailand); Homoptera: Dr. Emine Demir (Turkey). Orthoptera: Dr. Piotr Naskrecki (Connecticut University, U.S.A.), Asst. Prof. Dr. Mustafa Ünal (Abant İzzet Baysal University, Turkey), Asst. Prof. Dr. Yusuf Hüseyinoğlu (Mersin University, Turkey), Asst. Prof. Dr. Yaşar Gülmez (Gazi Osman Paşa University, Tokat). Coleoptera / Chrysomelidae: Assoc. Prof. M.S.Mohammedsaid (Malaysia). - Plant taxonomy, flora and vegetation: Prof. Dr. Lütfi Behçet, Asst. Prof. Dr. Fevzi Özgökçe, Asst. Prof. Dr. Mural Ünal (Yüzüncü Yıl University, Van, Turkey).

ALL RIGHTS RESERVED

Correspondences should be addressed to: Prof. Dr. Ahmet Ömer Koçak, c/o Yüzüncü Yıl University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, Kampus, Van / Turkey. - e-mail: a_kocak@lycos.com - cesa_tr@yahoo.com.tr

All serials are recorded regularly by the Zoological Record, Biosis, Garforth House, 54 Micklegate, York, North Yorkshire. fax (01904) 612793 - DCS@york.biosis.org

¹ <http://www.cesa-tr.org/Pri.htm> - pdf available after corresponding

² <http://www.cesa-tr.org/Miscell.htm> - pdf available after corresponding

³ <http://www.cesa-tr.org/Memoirs.htm> -

⁴ <http://www.cesa-tr.org/CDF.htm>

⁵ <http://www.cesa-tr.org/Icon.htm>

⁶ http://www.metafro.be/Members/Cesa/internet_sayfas305/base_view - pdf available

⁷ <http://www.cesa-tr.org/Cesanews.htm>

⁸ <http://www.cesa-tr.org/Cesabooks.htm>